



75 Ohm SMB Plug Right Angle Connector Crimp/
Solder Attachment For RG179, RG187

TECHNICAL DATA SHEET

PE4251

Configuration

Connector	SMB Plug
Connector Interface Type	RG179, RG187
Cable Attachment Method (Shield/Contact)	Crimp/Solder
Body Style	Right Angle

Electrical Specifications

Frequency Range, GHz	DC to 2
Impedance, Ohms	75
Maximum Operating Voltage, Volts	335

Mechanical Specifications

Temperature

Operating Range, deg C	-65 to +165
------------------------	-------------

Size

Length, in [mm]	0.781 [19.84]
Width/Dia., in [mm]	0.366 [9.30]
Height, in [mm]	0.626 [15.9]
Weight, lbs [g]	0.013 [5.9]

Connector

Type	SMB Plug
Contact Material and Plating	Beryllium Copper, Gold
Contact Plating Specification	30 μ in. Minimum
Body Material and Plating	Brass, Nickel
Body Plating Specification	100 μ in. Minimum
Dielectric Type	PTFE

Compliance Certifications (visit www.Pasternack.com for current document)

RoHS Compliant	Yes
REACH Compliant	06/18/2012

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [75 Ohm SMB Plug Right Angle Connector Crimp/Solder Attachment For RG179, RG187 PE4251](#)

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Pasternack reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal.



75 Ohm SMB Plug Right Angle Connector Crimp/
Solder Attachment For RG179, RG187

TECHNICAL DATA SHEET

PE4251

Plotted and Other Data

Notes:

Values at 25 °C, sea level

75 Ohm SMB Plug Right Angle Connector Crimp/Solder Attachment For RG179, RG187 from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and fiber optic products maintain a 99% availability and are part of the broadest selection in the industry.

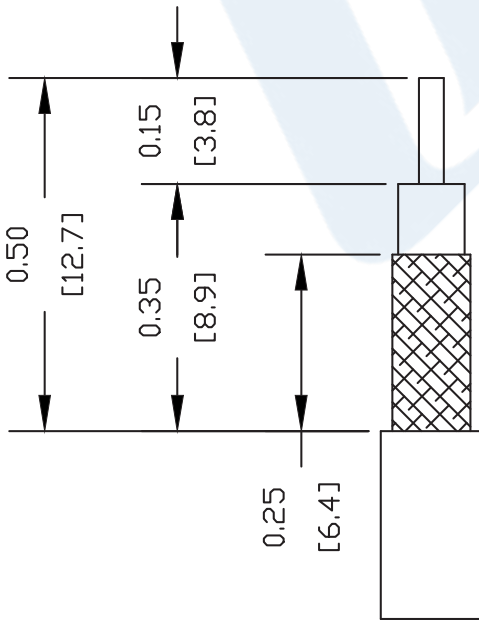
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [75 Ohm SMB Plug Right Angle Connector Crimp/Solder Attachment For RG179, RG187 PE4251](#)

URL: <http://www.pasternack.com/smb-plug-standard-rg179-rg187-connector-pe4251-p.aspx>

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Pasternack reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal.

PE4251 CAD Drawing

75 Ohm SMB Plug Right Angle Connector Crimp/Solder Attachment For RG179, RG187



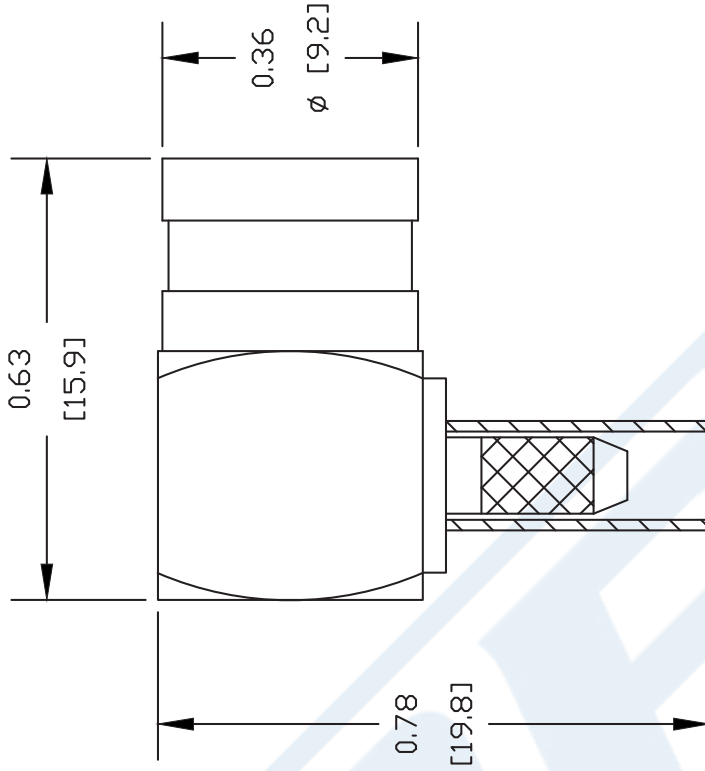
STRIPPING DIMENSIONS

ASSEMBLY PROCEDURES

1. STRIP CABLE AS SHOWN & SLIDE FERRULE OVER CABLE.
2. INSTALL CABLE INTO BODY OF CONNECTOR AND SOLDER CENTER CONDUCTOR IN PLACE.
3. CRIMP FERRULE & PRESS CAP DOWN.

CRIMP SIZE REQUIRED

FERRULE: .128" HEX CRIMP TOOL



Pasternack Enterprises, Inc.
P.O. Box 16759 | Irvine | CA | 92623
Phone: (949) 261-1920 | Fax: (949) 261-7451
Website: www.pasternack.com | E-Mail: sales@pasternack.com

DWG TITLE

PE4251

NOTES:
1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.
2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.
3. DIMENSIONS ARE IN INCHES [mm].
4. FITS MIL-C-17 AND EQUIVALENT CABLES.

REV. -

FSCM NO. 53919

CAD FILE 042309

SCALE N/A

SIZE A

147